



Technical Data Sheet

B-00368-2	28V SINGLE ENGINE ALTERNATOR CONTROL
Duty Voltage Factory Set To Load Current Over-Voltage Trip Point Over-Voltage Trip Time Weight Dimensions	Continuous PWM 28.0V 4A Max. 31.0V 0.5V Above Trip Point = 0.75 seconds; 3.0V Above Trip Point = 0.24 seconds 0.3lb Max. 3 1/2"L x 3 1/8"W x 1 3/4"H
PINOUT	FUNCTION
Red Black Blue	Supply, 14V Nominal from alternator switch/field circuit breaker Ground Output, Field terminal of alternator
OPERATION NOTES	DESCRIPTION
Note 1: Note 2: Note 3: Note 4:	Operating Caution: When used with an operating alternator, do not bypass bus to field as a means of checking the alternator or the over-voltage protection action. Over-voltage protection is incorporated which latches off regulator output after an over-voltage event. This unit is self protected against damage due to output (field) circuit being shorted to ground. A short will latch output off until reset. Rest of latch off caused by either over-voltage or shorted output is accomplished by momentary turn off of supply voltage.
PART NUMBER	AIRCRAFT ELIGIBILITY
B-00368-2 584-290	Piper PA-28-140, PA-28-150, PA-28-151, PA-28-160, PA-28-161, PA-28-180, PA-28-181, PA-28-201T, PA-28-235, PA-28-236, PA-28R-180, PA-28R-200, PA-28R-201, PA-28R-201T, PA-28RT-201, PA-28RT-201T, PA-28S-160, PA-28S-180, PA-32-260, PA-32-300, PA-32-301, PA-32-301FT, PA-32-301T, PA-32-301XTC, PA-32R-300, PA-32R-301(HP), PA-32R-301(SP), PA-32R-301T, PA-32RT-300, PA-32RT-300T, PA-32S-300, PA-38-112

NOTE: Installer must cross-check eligibility with applicable technical data.

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